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PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference	FOR FURTHER see Notification of	f Transmittal of International Search Report		
HPD010WO	ACTION (Form PCT/ISA/220) as well as, where applicable, item 5 below.			
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)		
PCT/US 03/22412	14/07/2003	16/07/2002		
Applicant				
UNITED STATES FILTER CORPO	DRATION			
according to Article 18. A copy is being tra	n prepared by this International Searching Auth unsmitted to the International Bureau.	only and is transmitted to the applicant		
This International Search Report consists It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	mand.		
	a sopy of cash plant art accument cated at any	nepor.		
1. Basis of the report				
 a. With regard to the language, the i language in which it was filed, unle 	international search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the		
the international search w. Authority (Rule 23.1(b)).	as carried out on the basis of a translation of th	ne international application furnished to this		
b. With regard to any nucleotide and	d/or amino acid sequence disclosed in the int	ternational application, the international search		
was carried out on the basis of the	e sequence listing ; nat application in written form.	erpression, etc. minimaterial occitor		
<u></u> -	mational application in computer readable form			
	this Authority in written form.	•		
	this Authority in computer readble form.			
	sequently furnished written sequence licting do	es not go beyond the disclosure in the		
		identical to the written sequence listing has been		
furnished		to the written sequence listing has been		
2. Certain claims were four	nd unsearchable (See Box I).			
3. X Unity of Invention is lack	ding (see Box II).			
4. With regard to the title,				
X the text is approved as sul	omitted by the applicant.			
	ned by this Authority to read as follows:			
••				
5. With regard to the abstract,				
X the text is approved as sub				
the text has been establish within one month from the	ned, according to Rule 38.2(b), by this Authority date of mailing of this international search repo	as it appears in Box III. The applicant may, ort, submit comments to this Authority.		
6. The figure of the drawings to be publis				
as suggested by the applic	*	X None of the figures.		
because the applicant faile		E		
_	characterizes the invention.			

Form PCT/ISA/210 (first sheet) (July 1998)

INTERNATIONAL SEARCH REPORT

International application No. PCT/US 03/22412

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)
This Inten	national Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. 🗆 🛭	Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
ı ∵ŧ	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box ii (Observations where unity of invention is lacking (Continuation of Item 2 of first sheet)
This Interr	national Searching Authority found multiple inventions in this international application, as follows:
	see additional sheet
1. X s	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3 A	As only some of the required additional search fees were timely paid by the applicant, this International Search Report sovers only those claims for which fees were paid, specifically claims Nos.:
4. N	to required additional search fees were timely paid by the applicant. Consequently, this International Search Report is estricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark o	The additional search fees were accompanied by the applicant's protest. X No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-8

A METHOD OF PROCESSING A MIXED-PHASED STREAM

2. claims: 9-20

method of treating grains

3. claims: 21-24

method of increasing heat transfer properties

INTERNATIONAL SEARCH REPORT

International Application No PCT/US 03/22412

A CLASS	F28F13/06 F26B3/00		
According to	to International Patent Classification (IPC) or to both national cla	issification and IPC	
B. RELDS	SEARCHED		
Minimum de IPC 7	ocumentation.searched (classification system followed by class F28F F26B	ification symbols)	
	tion searched other than minimum documentation to the extent		
EPO-In	lata base consulted during the international search (name of da iternal	ita base and, where practical, search terms used)	
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the	he relevant passages	Relevant to claim No.
X	DE 43 00 011 A (DORST HELMUT I 7 July 1994 (1994-07-07) the whole document	DIPL ING)	1-8
X	US 4 182 400 A (DE NEVERS NOE 8 January 1980 (1980-01-08) the whole document	L H)	1-8
X -	GB 1 076 587 A (METALLGESELLS) 19 July 1967 (1967-07-19) the whole document	CHAFT AG)	1-8
X	GB 1 146 564 A (POLYSIUS GMBH) 26 March 1969 (1969-03-26) the whole document		1-8
		-/	
X Furth	ner documents are listed in the continuation of box C.	Patent family members are listed in	n annex.
"A" docume conside "E" earlier of filing de "L" docume which i citation "O" docume other n "P" docume	int which may throw doubts on priority claim(s) or is cited to establish the publication date of another or or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or	T later document published after the linter or priority date and not in conflict with the cited to understand the principle or the invention T document of particular relevance; the classification o	the application but only underlying the aimed Invention be considered to urnent is taken alone aimed invention entitive step when the e other such docu- s to a person skilled
Date of the a	actual completion of the international search	Date of mailing of the international sear	
4	February 2004	2 3. 02. 2004	
	nailing address of the ISA European Patent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Bain, D	

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INTERNATIONAL SEARCH REPURT

International Application No
PCT/US 03/22412

ategory °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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HATELIAM FORME SENDOU VELOUT

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